

**RECEIVED**

By Tracy Crews at 2:48 pm, Dec 22, 2020

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES  
STATE PUBLIC HEALTH LABORATORY**CMI INTOXILYZER 8000 MAINTENANCE REPORT**

REPORT #2

Complete this report in duplicate at the time of the regular monthly preventive maintenance check, and whenever instrument is repaired. Send one copy to Department of Health and Senior Services, and retain one copy in department file.

INSTRUMENT SERIAL NUMBER 80-005838	LOCATION OF INSTRUMENT KCMO POLICE DEPT.	DATE OF INSPECTION 12/16/2020	TIME OF INSPECTION 22:11
---------------------------------------	---	----------------------------------	-----------------------------

CALIBRATION CHECK RESULTS			CALIBRATION CHECK SUMMARY		
Test	g/210L	Time	STANDARD TYPE	STANDARD LOT #	STANDARD EXPIRATION DATE
Air Blank	0.000	22:23	DRY	14020080A2	07/05/2022
Cal Check	0.083	22:24	SIM TEMPERATURE	SIM SERIAL NUMBER	SIM CERTIFICATE EXPIRATION
Air Blank	0.000	22:24	N/A	N/A	N/A
Cal Check	0.081	22:25	STANDARD VALUE	STANDARD SUPPLIER	
Air Blank	0.000	22:25	0.080	CMI	
Cal Check	0.082	22:25	CALIBRATION CHECK RESULT 1		
Air Blank	0.000	22:26	0.083		
<b>Pass</b>			CALIBRATION CHECK RESULT 2		
			0.081		
			CALIBRATION CHECK RESULT 3		
			0.082		
			MAXIMUM DEVIATION (MUST BE WITHIN 5%)	SPREAD (MUST BE .005 OR LESS)	
			3.7%	0.002	


DIAGNOSTIC TEST RESULTS		RFI TEST RESULTS		
Test	Pass	Test	g/210L	Time
Voltage/Current Test	Pass	Air Blank	0.000	22:27
RAM Test	Pass	Subject Test	RFI*	22:27
EEPROM Checksum Test	Pass	Air Blank	0.000	22:28
Real Time Clock Test	Pass	*RFI Detect		
DSP Test	Pass			
Analytical Stability Test	Pass			
Modem Test	Pass			
Temperature Regulation Test	Pass			
<b>Pass</b>		<b>Pass</b>		

NUMBER OF REFUSALS AND SUBJECT BREATH TESTS IN EACH RANGE SINCE LAST MAINTENANCE REPORT						
REFUSALS	.00-.04	.05-.09	.10-.14	.15-.19	OVER .19	
0	0	0	0	0	0	0

List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

TESTED AND CERTIFIED

**INSPECTING OFFICER**

SIGNATURE 	PRINT NAME KAIGHEN	
TYPE II PERMIT NUMBER 290228	EXPIRATION DATE 10/01/2021	TELEPHONE NUMBER N/A



STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

2

PERMIT  
TYPE II

RYAN KAIGHEN

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**ALCO-SENSOR IV WITH PRINTER, INTOXILYZER 8000**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 10/1/2019  
NUMBER 290228  
EXPIRES 10/1/2021

MO 560-5771 (6-19)

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*[Signature]*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES  
LMS-4 (05-10)

STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

**INSTRUMENT OPERATOR CARD**

The named operator is authorized to operate the following breath alcohol instrument for the determination of the alcoholic content in a sample of expired air in Missouri.

Operator: KAIGHEN, RYAN  
Permit No: 290228  
Date Issued: 10/1/2019 Date Expires: 10/1/2021



7 Eastgate Dr. • P.O. Box 790 • Jacksonvilles, IL 62851-0790  
217-245-2183 • Fax: 217-243-7634 • www.ilmo-products.com

Certificate of Analysis

Certificate ID: 13021  
Part #: BAC105L080T  
Cylinder Size: 105L  
Lot Number: 14020080A2  
Expiration: 7/5/2022

0.080 BAC (For the calibration of instruments used to determine breath alcohol concentration)

Contents: 105 Liters @ 1000 psig 70°F (21°C)

Component	Reported Concentration:	Analytical Accuracy (U, k=2):	Analytical Method:	Distributed by:
Ethanol	288 ppm	+/- 0.002 alc(9/2alc)	NDIR	CMI Inc
Nitrogen	Balance	[5.4 ppm]		316 East Ninth Street Owensboro, KY 42303 Phone 866-835-0690 www.alcoholtest.com

Traceable to:  
Certified Reference Material - 262.4 µmol/mol  
Ethanol in Nitrogen - Serial No. G10015026 Lot No. 050319E11

Store in dry area, away from sources of heat, ignition and direct sunlight. Do not allow storage area to exceed 52 °C (125 °F).

*[Signature]*  
Specialty Gas Lab Tech

*[Signature]*  
Issuance Date: 06-15-2020



The calibration results within this certificate were obtained using equipment and methods capable of producing analytical results traceable to NIST, and apply only to the item contained on this certificate. ILMO Product Company makes no warranty or representation for any particular purpose. The information use is at the sole discretion and risk of the user. Liability shall be limited to established replacement cost of this instrument or parts.

ISO/IEC 17025:2017 Accredited Laboratory